

Tetradonium Bromide

Other names:

1-Tetradecanaminium, N,N,N-trimethyl-, bromide
Ammonium, tetradecyltrimethyl-, bromide
Ammonium, trimethyltetradecyl-, bromide
Morpan T
Myristyltrimethylammonium bromide
Myristyltrimethylammonium bromide
Myrtrimonium bromide
Myrystyltrimethylammonium bromide
Mytab
N,N,N-trimethyl-1-tetradecanaminium bromide
N-tetradecyl-N,N,N-trimethylammonium bromide
Quaternium 13
Querton 14Br-40
Rhodaquat M214B/99
Sumquat 6110
Tetradecanaminium, N,N,N-trimethyl-, bromide
myristyltrimethylammonium bromide
n-tetradecyltrimethylammonium bromide
tetradecyltrimethylammonium bromide
trimethylmyristylammonium bromide
trimethyltetradecylammonium bromide

Inchi: InChI=1S/C17H38N.BrH/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18(2,3)4;/h5-17H2,1-4H3
InchiKey: CXRFDZFCGOPDTD-UHFFFAOYSA-M
Formula: C17H38BrN
SMILES: Br.CCCCCCCCCCCCCC[N+](C)(C)C
Mol. weight [g/mol]: 336.39
CAS: 1119-97-7

Sources

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C1119977&Units=SI>

Activity and thermodynamic parameters of some surfactants

<https://www.doi.org/10.1016/j.fluid.2012.01.014>

Adsorption of some amino acids and peptides with

<https://www.doi.org/10.1016/j.jct.2013.11.001>

Volume Properties of

<https://www.doi.org/10.1021/acs.jced.5b00451>

Alkyltrimethylammonium Bromides in

<https://www.doi.org/10.1021/je100905g>

Solutions of NaBr, NaCl, and KBr in

<https://www.doi.org/10.1021/je201107a>

Surfactant Aqueous Solutions:

<https://www.doi.org/10.1021/je7003148>

Micellar Parameters in Solutions with

<https://www.doi.org/10.1021/je900967j>

Cationic Surfactants and

Non-Dilute Kinematic Viscosity, Speed of

Sound, and Surface Tension of Chain

Tetradecyltrimethylammonium Bromide

Solutions and Water Studied by Limiting

Diffusion and Diffusion Coefficients in Water and

Tetradecyltrimethylammonium Bromide

Solutions:

<https://www.doi.org/10.1021/je900967j>

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